

North Carolina Department of Health and Human Services

Division of Mental Health, Developmental Disabilities and Substance Abuse Services 3004 Mail Service Center • Raleigh, North Carolina 27699-3001

Tel 919-733-0696 • Fax 919-715-2772

Michael F. Easley, Governor Carmen Hooker Odom, Secretary

Michael Moseley, Director

March 8, 2006

TO: LME Directors

FROM: Mike Moseley

RE: Initial SFY 2006-2007 NC-TOPPS Reports Available

I am pleased to send you the Initial North Carolina—Treatment Outcomes and Program Performance System (NC-TOPPS) reports on individuals receiving mental health and substance abuse services. The reports display information on the functioning and life situations of Adult Mental Health, Adult Substance Abuse, and Adolescent Mental Health consumers enrolled in target populations. The information was garnered through your service providers' submissions of online NC-TOPPS Initial Assessment data for the six-month period from July 1 through December 31, 2005. In addition to the three statewide reports accompanying this memo, reports comparing your LME's consumers to all other LMEs' consumers are accessible through the NC-TOPPS online system by individuals within your LME who have Super User designation. These individuals have already been contacted regarding how to access your LME-specific reports.

The reports provide six pages of charts, tables and text information on consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues, and outcome measures. They mark the beginning of reports that will be available to LMEs, providers, and the Division of Mental Health, Developmental Disabilities and Substance Abuse Services from the NC-TOPPS data. These first reports provide information gathered on the NC-TOPPS Initial Assessment, which is collected through an interview with the individual at the beginning of service. As more data are collected for the various Update and Discharge Assessments, reports will be expanded to show information on consumers' changes as they move through an episode of service.



These reports provide a template by which you and your management team may review the local service system's performance. We encourage you to share this information with your providers. We anticipate that you and your providers may be interested in receiving provider-specific data. You also may find that you would like reports on specific groups of consumers. If you or your providers desire additional types of reports, please contact Gail Craddock at 919.863.4600, ext. 226 or at craddock@ndri-nc.org. When your providers request reports on their data, your LME will receive a copy of the report as well.

I am pleased with your continued participation in NC-TOPPS. Thank you for your assistance in the implementation of this important outcome and quality improvement initiative.

Cc: Secretary Carmen Hooker Odom

Allen Dobson, M.D.

Kory Goldsmith

DMH/DD/SAS Executive Leadership Team

DMH/DD/SAS Management Leadership Team

State Facility Directors

LME Liaisons

LME NC-TOPPS Coordinators

LME Quality Improvement Directors

Carol Duncan Clayton

Patrice Roesler

MH Commission Chair

Coalition 2001 Chair

State CFAC Chair

Marge Cawley

Mindy McNeely



North Carolina Department of Health and Human Services Division of Mental Health, Developmental Disabilities and Substance Abuse Services

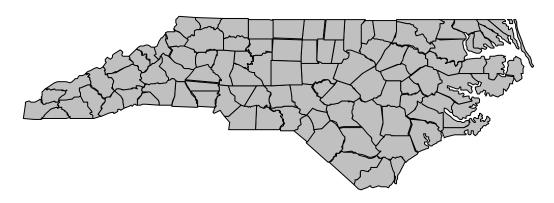
Ever used other illicit drugs

NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

Adolescent Mental Health Consumers (Ages 12-17) Statewide

Initial Assessments July 1, 2005 through December 31, 2005



Data Collected By: Center for Urban Affairs and Community Services (CUACS)

NC State University

Mindy McNeely, Project Director

Report Produced By: Institute for Community-Based Research

National Development & Research Institutes, Inc. (NDRI)

Marge Cawley, Project Director

Gail Craddock, Senior Research Analyst

Prepared For: Quality Management Team

Community Policy Management Section

DMH/DD/SAS NC DHHS

February 2006





Introduction to Fiscal Year 2005-2006 Report

This report is the beginning of the feedback reports that will be available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This first report provides information gathered through the online NC-TOPPS Initial Assessment. It provides six pages of charts, tables and text information on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Assessment is displayed in this report.

With the beginning of NC-TOPPS online data collection on July 1, 2005, the majority of the data collected has been Initial Assessment information. As more data are collected into the system for the various Update and Discharge Assessments, the report will be expanded to display information on consumers at their 3-month, 6-month, 12-month Update and/or Discharge.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS including copies of paper forms that have the questionnaire items on the web versions of the questionnaires are located at: http://nctopps.ncdmh.net

General Information on Interpreting Tables

Types of Statistics

- A <u>count</u> shows the actual number (often designated by the letter "n") of clients.
- ► A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.
- ► An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.
- ▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, **22**, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.

Missing Data

For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48*100).

Denominators

The denominator for nearly all percentages is the number of cases shown at the bottom on the page minus item missing data. All exceptions to this general rule are noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those enrolled in K-12." In sections with "by groups" such as by age, the demoninator is the age group noted.

Multiple Response

"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.

Definition of terms

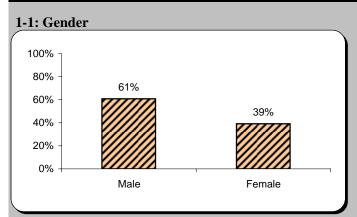
The Appendix at the end of the report gives definitions of acronymns, abbreviations, and other terms used in this report.

Special notes:

none



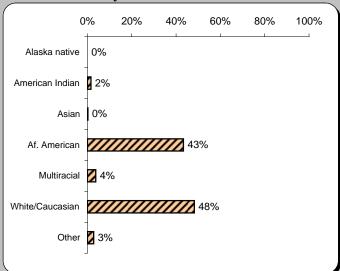
Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Consumer Characteristics Statewide



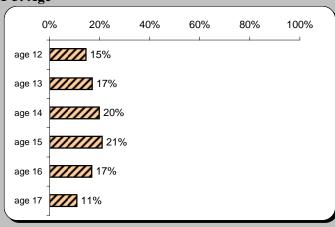
1-2: Hispanic Origin

Of the Statewide consumers, 4% indicate that they are of Hispanic, Latino, or Spanish origin.

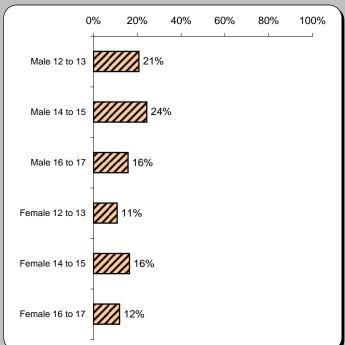
1-3: Race/Ethnicity



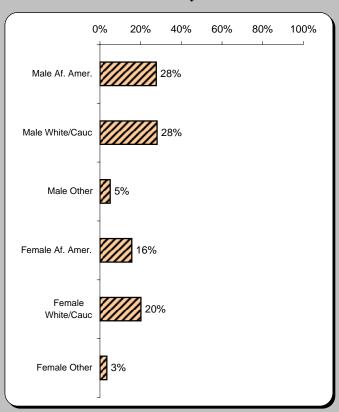
1-5: Age



1-6: Gender and Age

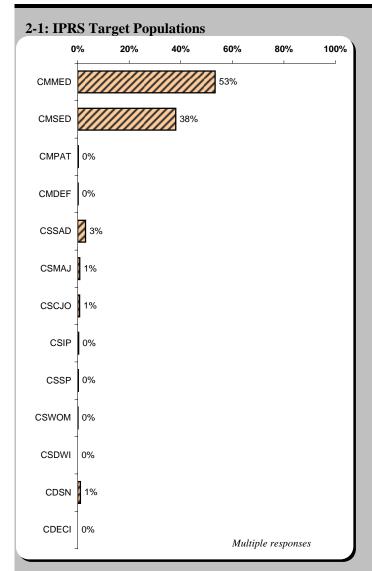


1-7: Gender and Race/Ethnicity

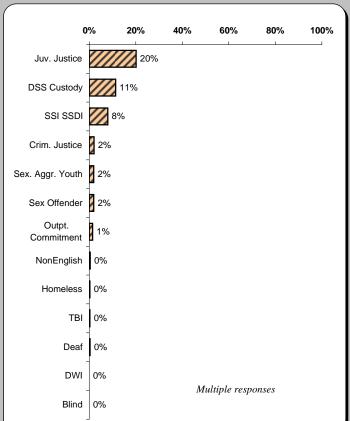




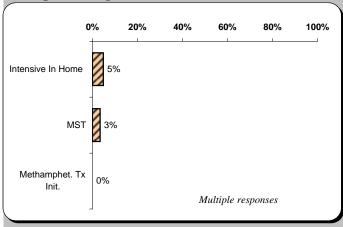
Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Target and Special Populations and Programs Statewide



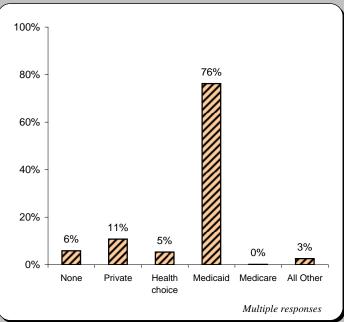
2-2: Special Populations



2-3: Special Programs



2-4: Health Insurance

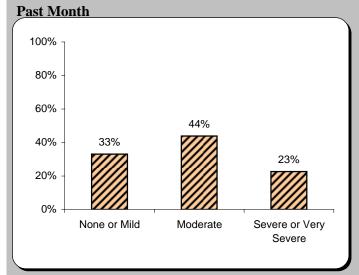


Note: Refer to appendix for acronym definitions for all charts on this page.



Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Symptoms, Behaviors, and Activities Statewide

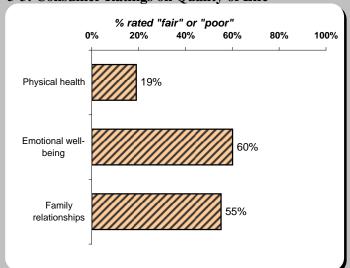
3-1: Severity of Mental Health Symptoms,



3-2: General Assessment of Functioning (GAF)

GAF scores were reported for 83% of Statewide consumers. The average score was 49.3 and the median score was 50.

3-3: Consumer Ratings on Quality of Life



3-4: History of Abuse

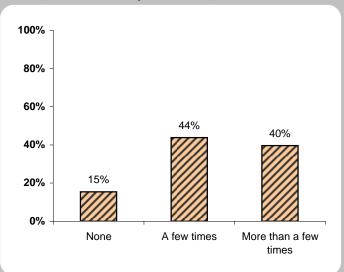
Physically Abused, past 3 months	26%
Sexually Abused, ever	14%
Sexually Abused, past 3 months	1%

3-5: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	37%
Ever used other illicit drugs	34%
Major Depression	14%
Conduct disorder	13%
Disruptive behavior	8%
Bipolar disorder	8%
PTSD	7%
Anxiety disorder	5%
Drug Abuse	7%

^{*} Only most commonly diagnosed conditions shown.

3-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



3-7: Lifetime Suicide Attempts

15% of Statewide consumers have attempted suicide at least once during their lifetime.

3-8: Behavior Problems and Symptoms Expressed, Past 3 Months

	%
Suicidal thoughts	22%
Tried to hurt or cause self pain	14%
Risky sexual activity	5%
Hit/physically hurt another person	39%
Carried handgun or weapon	13%

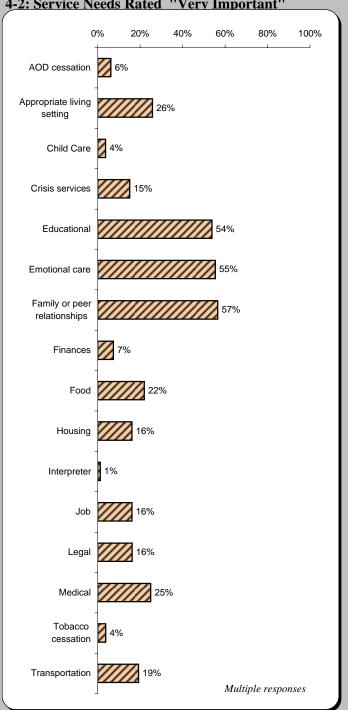


Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Service Needs, Supports, and Barriers Statewide

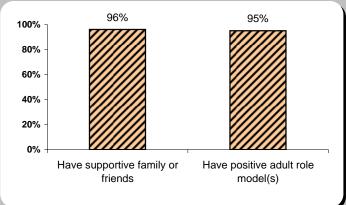
4-1: Public or Private Health Care Provider

Among Statewide consumers, 82% report that they have a health care provider and 73% have seen their provider within the past year.

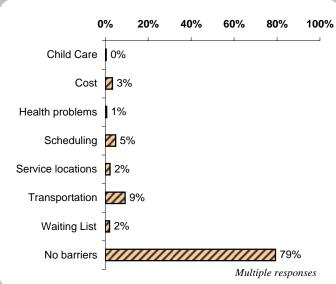
4-2: Service Needs Rated "Very Important"



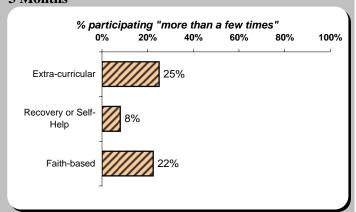
4-3: Support for Recovery



4-4: Barriers to Treatment



4-5: Consumer Participation in Positive Activities, Past 3 Months





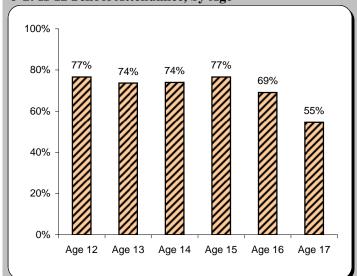
Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Consumer's Education and Employment Statewide

5-1: Enrollment in Academic Programs

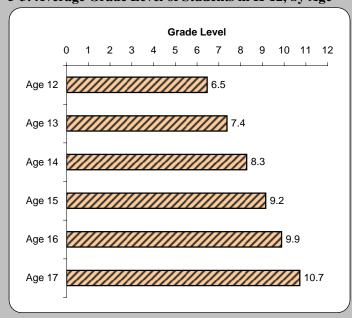
Enrolled in	
Any Academic program	81%
Academic Schools (K-12)	72%
Alternative Learning Program (ALP)	8%
Technical or Vocational School	0%
GED or Adult Literacy	2%

Note: Multiple response.

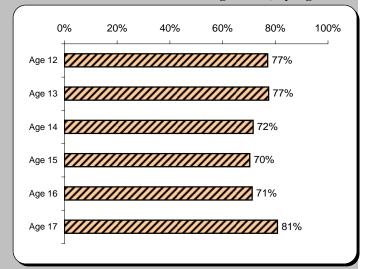
5-2: K-12 School Attendance, by Age



5-3: Average Grade Level of Students in K-12, by Age



5-4: Students in K-12 who Received Mostly A's, B's or C's at Most Recent Grading Period, by Age

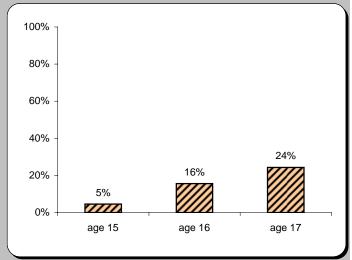


5-5: School Suspension, Explusion, and Truancy, Past 3 Months

Of those enrolled in K-12, percent who missed	
school due to	
Expulsion	3%
Out-of-school suspension	27%
Truancy	12%

5-6: Employment, Past 3 Months, by Age

The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



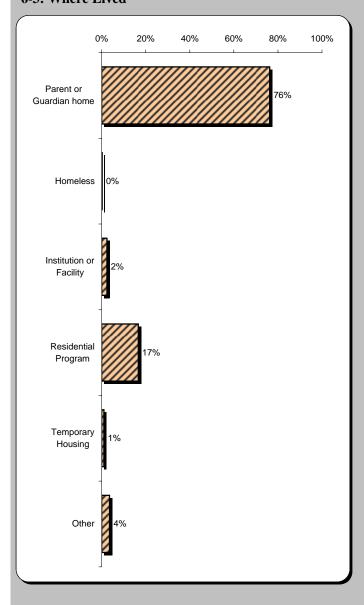


Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Family, and Housing Issues Statewide

6-2: Primary Caregiver

Parent(s)	66%
Grandparent(s)	9%
Sibling(s)	0%
Foster parent(s)	7%
Spouse/partner	0%
Other relative	4%
Other	13%

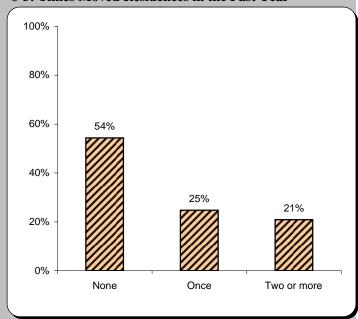
6-3: Where Lived



6-4: Numbers living in special circumstances

Homeless sheltered	7
Ever used other illicit drugs	5
Foster home	88
Therapeutic foster home	271
Level III Group Home	596
Level IV Group Home	34
State residential treatment facility	37
SA residential treatment facility	7
Halfway house	1

6-5: Times Moved Residences in the Past Year



6-6: Have children

Of the Statewide consumers 2% have children of their own.

6-7: Pregnancy and Prenatal Care

	Number
Currently pregnant	32
Referred to prenatal care*	32
Receiving prenatal care*	31

^{*} of those who are pregnant.

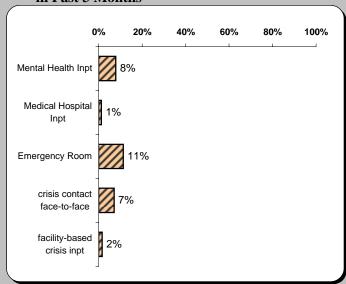


Initial Assessments Received July 1, 2005 through December 31, 2005 Adolescent (12-17) Mental Health Outcomes Measures Statewide

7-1: Lifetime Admission for Inpatient Mental Health

24% of Statewide consumers have had inpatient mental health admissions.

7-2: Health Care: Types of Service Utilized in Past 3 Months



7-3 Arrest History

Any Arrests	
Ever	20%
Past 6 Months	12%
Misdemeanor Arrests	
Ever	17%
Past 6 Months	10%
Felony Arrests	
Ever	7%
Past 6 Months	3%

Note: A person may have arrests for both misdemeanors and felonies.

7-4: Trouble with the law in the Past 6 Months

26% of Statewide consumers reported that they had been in trouble with the law in the past 6 months.

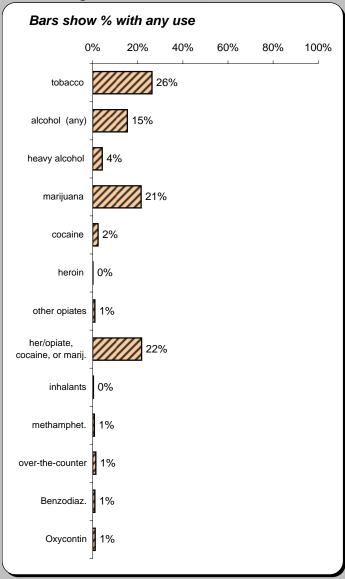
7-5: Justice System Involvement

Adult correctional supervision	2%
Juvenile correctional supervision	21%
Admission required by JJ/CJ/court	17%

7-6: Lifetime Use of Substances

Ever used tobacco or alcohol	34%
Ever used other illicit drugs	22%

7-7: Self-Report Substance Use, Past 12 Months



7-8: Cigarette Smoking

Overall, 18% of Statewide consumers report that they smoked cigarettes in the past month and 2% smoked a pack a day or more.

Acronym or Term	Definition
ACT	Assertive Community Treatment
Af American	African American
AOD	Alcohol or other drugs
CDECI	Target population: Early childhood intervention
CDSN	Target population: Child with Developmental Disability
CMDEF	Target population: Child MH consumer who is deaf or hard of hearing
CSDWI	Target population: Child SA consumer who is receiving DWI Offender Treatment
CMMED	Target population: Child who is Seriously Emotionally Disturbed
CMPAT	Target population: Child MH consumer who is homeless (PATH program)
	Target population: Child who is Seriously Emotionally Disturbed with out of home
CMSED	placement
CSCJO	Target population: Child SA consumer who is a Criminal Justice Offender
CSIP	Target population: Child receiving indicated SA prevention services
CSMAJ	Target population: Child SA consumer in the MAJORS SA/JJ Program
CSSAD	Target population: Child with Substance Abuse Disorder
CSSP	Target population: Child receiving selected SA prevention services
CSWOM	Target population: Child SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzopdiazepine(s)
Buprenorph.	Buprenorphine
Cauc.	Caucasian
Crim. Justice	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
Inpt	Inpatient
JJ	Juvenile justice
Juv. Justice	Juvenile justice
Marij.	Marijuana
Med. Mgmt.	psychiatric medication management
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse
SSI/SSDI	Supplemental Security Income or Social Secuity Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury

Note: Refer to web page for more complete definitions of target populations: http://www.dhhs.state.nc.us/mhddsas/

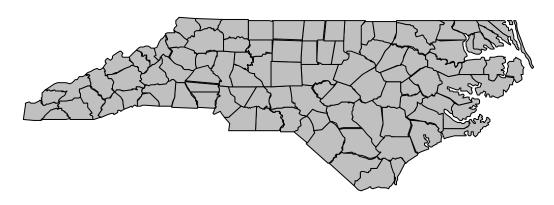
North Carolina Department of Health and Human Services Division of Mental Health, Developmental Disabilities and Substance Abuse Services

NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

Adult Mental Health Consumers: Statewide

Initial Assessments July 1, 2005 through December 31, 2005



Data Collected By: Center for Urban Affairs and Community Services (CUACS)

NC State University

Mindy McNeely, Project Director

Report Produced By: Institute for Community-Based Research

National Development & Research Institutes, Inc. (NDRI)

Marge Cawley, Project Director

Gail Craddock, Senior Research Analyst

Prepared For: Quality Management Team

Community Policy Management Section

DMH/DD/SAS NC DHHS

February 2006





Introduction to Fiscal Year 2005-2006 Report

This report is the beginning of the feedback reports that will be available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This first report provides information gathered through the online NC-TOPPS Initial Assessment. It provides six pages of charts, tables and text information on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Assessment is displayed in this report.

With the beginning of NC-TOPPS online data collection on July 1, 2005, the majority of the data collected has been Initial Assessment information. As more data are collected into the system for the various Update and Discharge Assessments, the report will be expanded to display information on consumers at their 3-month, 6-month, 12-month Update and/or Discharge.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and copies of paper forms that have the questionnaire items that are on the web version of the questionnaire are located at:

http://nctopps.ncdmh.net/

General Information on Interpreting Tables

Types of Statistics

- ► A <u>count</u> shows the actual number (often designated by the letter "n") of clients.
- ▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.
- ► An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.
- ▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, 22, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.

Missing Data

For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48*100).

Denominator

The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are **specifically noted** with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."

Multiple Response

"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.

Definitions of terms

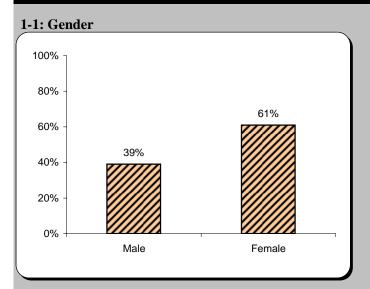
The appendix at the end of the report gives definitions of acronymns, abbreviations, and other terms used in this report.

Special notes:

none



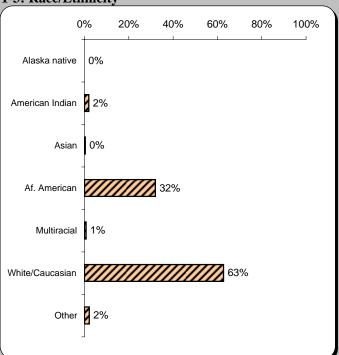
Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Consumer Characteristics Statewide



1-2: Hispanic Origin

Of the Statewide consumers, 3% indicate that they are of Hispanic, Latino, or Spanish origin.

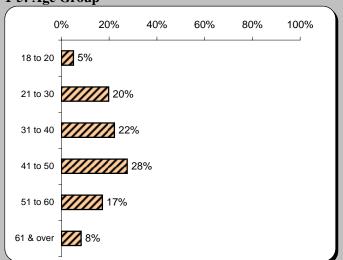
1-3: Race/Ethnicity



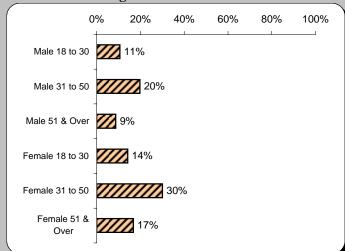
1-4: Legal Guardian and Designated Payee

Has designated payee	15%
Has legal guardian	5%

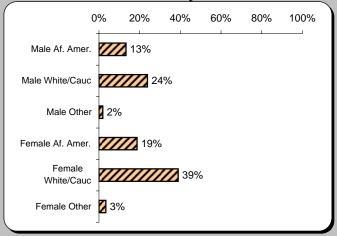
1-5: Age Group



1-6: Gender and Age

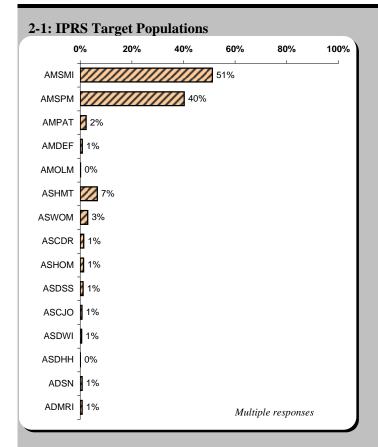


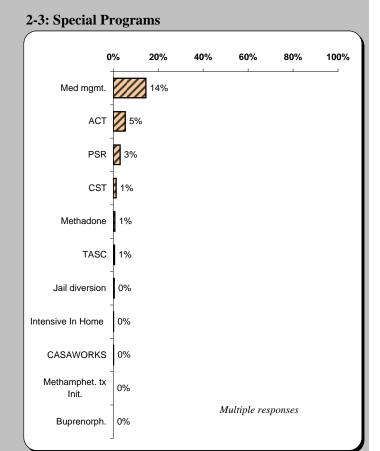
1-7: Gender and Race/Ethnicity



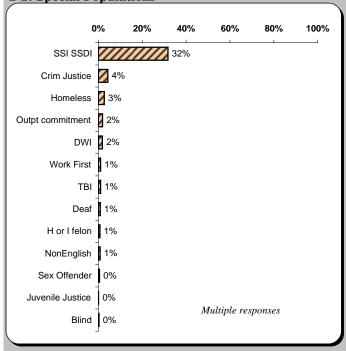


Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Target and Special Populations and Programs Statewide

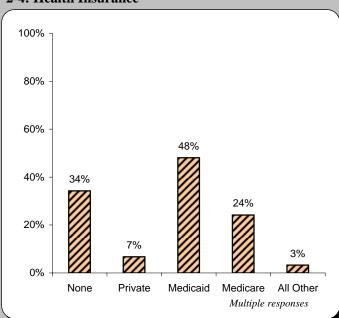




2-2: Special Populations



2-4: Health Insurance

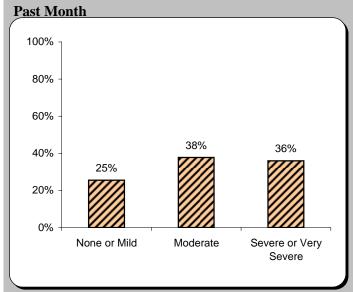


Note: Refer to appendix for acronym definitions for all charts on this page.



Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Consumer Symptoms, Behaviors, and Activities Statewide

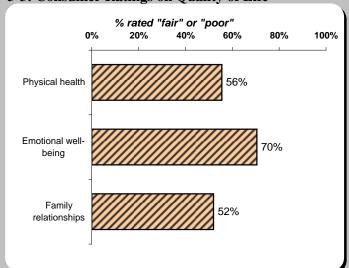
3-1: Severity of Mental Health Symptoms,



3-2: General Assessment of Functioning (GAF)

Among Statewide consumers, the average GAF score was 45.3 and the median score was 45.

3-3: Consumer Ratings on Quality of Life



3-4: History of Abuse

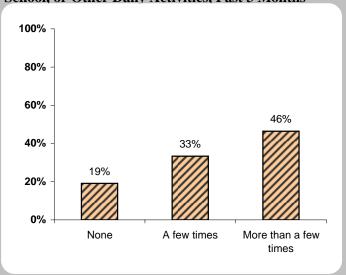
3 4. History of House	
Physically abused, past 3 months	8%
Sexually abused, ever	22%
Sexually abused, past 3 months	1%

3-5: DSM-IV Diagnoses

Diagnostic Category	%
Major Depression	44%
Schizophrenia	26%
Bipolar disorder	17%
Anxiety disorder	15%
PTSD	8%
Personality disorder	9%
Alcohol Abuse	5%
Alcohol Dependence	8%
Drug Abuse	6%
Drug Dependence	11%

^{*} Only most commonly diagnosed conditions shown.

3-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



3-7: Lifetime Suicide Attempts

34% of Statewide consumers have attempted suicide at least once during their lifetime.

3-8: Behavior Problems and Symptoms Expressed, Past 3 Months

	%
Suicidal thoughts	33%
Tried to hurt or cause self pain	8%
Risky sexual activity	5%
Hit/physically hurt another person	8%

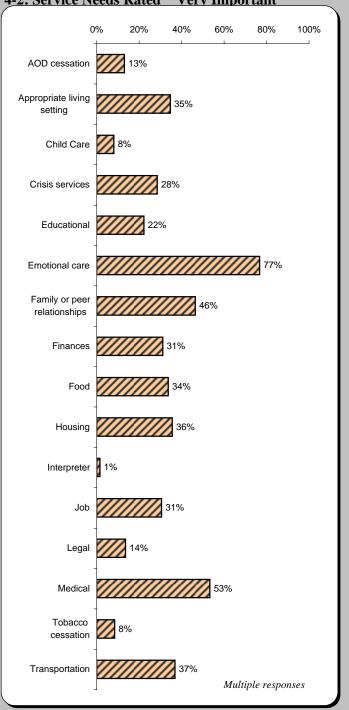


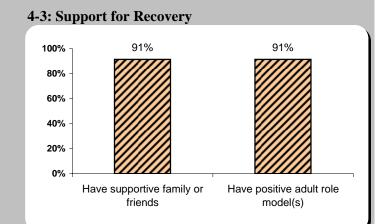
Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Consumer Service Needs, Supports, and Barriers Statewide

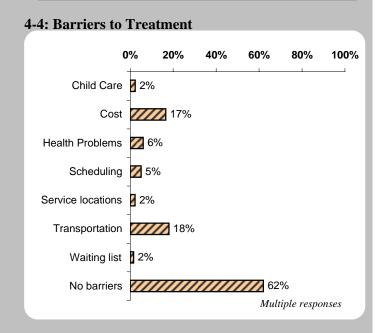
4-1: Public or Private Health Care Provider

Among Statewide consumers, 68% report that they have a health care provider and 62% have seen their provider within the past year.

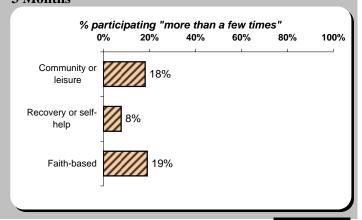
4-2: Service Needs Rated "Very Important"





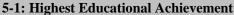


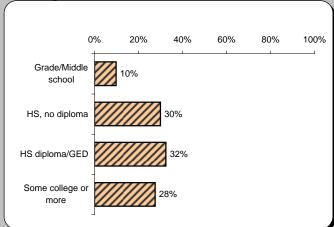
4-5: Consumer Participation in Positive Activities, Past 3 Months





Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Consumer's Education, Family, and Housing Issues Statewide





5-2: Marital Status

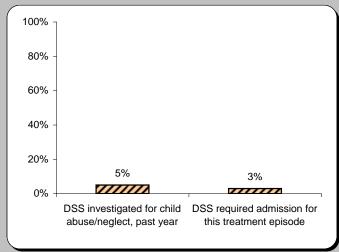
Never married	38%
Married or living as	23%
Divorced/Widowed/Separated	39%

5-3: Children Under 18

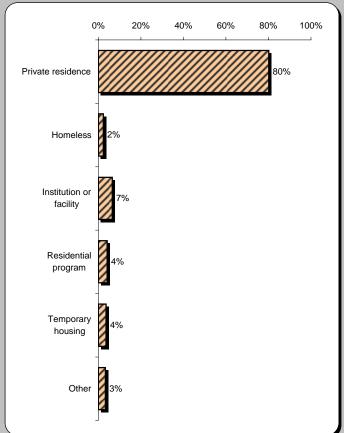
35% of Statewide consumers have children under age 18.

Of those with children	
Have custody of all children	62%
Have custody of some children	8%
Have custody of none of children	30%

5-4: DSS Involvement



5-5: Where Lived



Note: Of Statewide homeless consumers, 264 were in shelters and 199 were not in shelters.

5-6: Times Moved Residences in the Past Year

No moves	60%
Moved once	22%
Moved two or more times	18%

5-7: Pregnancy Status

Number currently pregnant	162
Number uncertain about pregnancy status	156
Number in first trimester	37
Number in second trimester	68
Number in third trimester	52

Note: Numbers may not add, due to missing data.

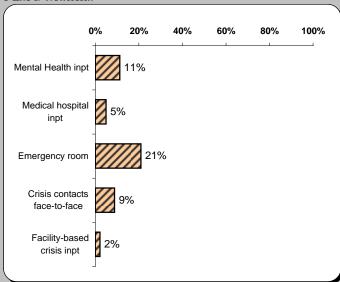


Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Mental Health Consumer Outcomes Measures Statewide

6-1: Lifetime Admission for Inpatient Mental Health

49% of Statewide consumers have had inpatient mental health admissions.

6-2: Health Care: Types of Services Received in the Past 3 Months



6-3: Employment, Past 3 Months

43% of Statewide consumers are in the labor force meaning that they are working, or unemployed and looking for work.

Of those in the labor force	
Employed full-time	27%
Employed part-time	27%
Unemployed (seeking work)	46%
Of those working	
Supported employment	10%
Transitional employment	5%

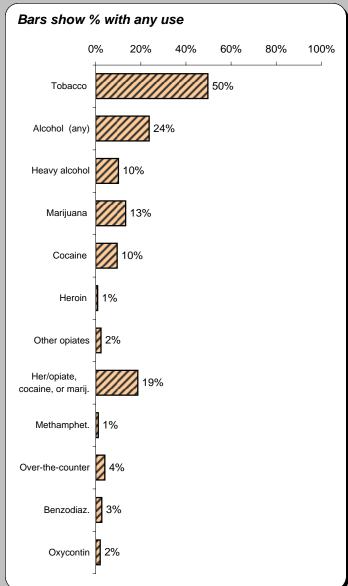
6-4: Arrest History

Any Arrests	
Ever	33%
Past 6 months	7%
Misdemeanor Arrests	
Ever	30%
Past 6 months	6%
Felony Arrests	
Ever	12%
Past 6 months	2%

6-5: Justice System Involvement

7% of Statewide consumers were under correctional supervision at admission. The court or criminal justice system required treatment for 4%.

6-6: Self-Report Substance Use, Past 12 Months



6-7: Cigarette Smoking

Overall, 48% of Statewide consumers report that they smoked cigarettes in the past month and 26% smoked a pack a day or more.

Acronym or Term	Definition
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult MH consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program)
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA consumer who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASDWI	Target population: Adult SA consumer who is receiving DWI offender treatment
ASHMT	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzopdiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance-abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CST	Community support team
Detox	Detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
IDU	Injection drug use(r)
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative program
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse
SSI/SSDI	Supplemental Security Income or Social Secuity Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Work First	DSS program for temporay assistance to needy families

North Carolina Department of Health and Human Services Division of Mental Health, Developmental Disabilities and Substance Abuse Services

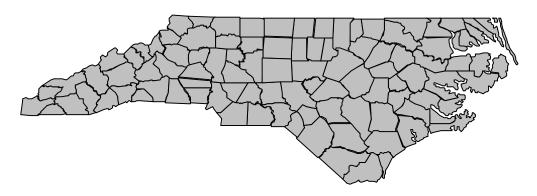
NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

Adult Substance Abuse Consumers Statewide

(including all methadone programs statewide)

Initial Assessments July 1, 2005 through December 31, 2005



Data Collected By: Center for Urban Affairs and Community Services (CUACS)

NC State University

Mindy McNeely, Project Director

Report Produced By: Institute for Community-Based Research

National Development & Research Institutes, Inc. (NDRI)

Marge Cawley, Project Director Gail Craddock, Senior Research Analyst

Prepared For: Quality Management Team

Community Policy Management Section

DMH/DD/SAS NC DHHS

February 2006







OPPS Adult Substance Abuse Consumers

Introduction to Fiscal Year 2005-2006 Report

This report is the beginning of the feedback reports that will be available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for substance abuse consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This first report provides information gathered through the online NC-TOPPS Initial Assessment. It provides seven pages of charts, tables and text information on substance abuse consumers' demographic characteristics, substance use, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Assessment is displayed in this report.

With the beginning of NC-TOPPS online data collection on July 1, 2005, the majority of the data collected has been Initial Assessment information. As more data are collected into the system for the various Update and Discharge Assessments, the report will be expanded to display information on consumers at their 3-month, 6-month, 12-month Update and/or Discharge.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and copies of paper forms that have the questionnaire items that are on the web version of the questionnaire are located at:

http://nctopps.ncdmh.net/

General Information on Interpreting Tables

Types of Statistics

- A <u>count</u> shows the actual number (often designated by the letter "n") of clients.
- ▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.
- ► An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.
- ▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, 22, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.

Missing Data

For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48*100).

Denominator

The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are **specifically noted** with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."

Multiple Response

"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.

Definitions of terms

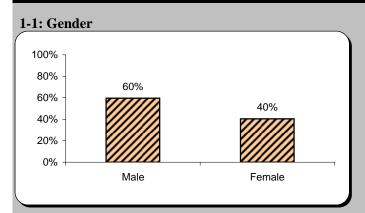
The Appendix at the end of the report gives definitions of acronymns, abbreviations, and other terms used in this report.

Notes:

none



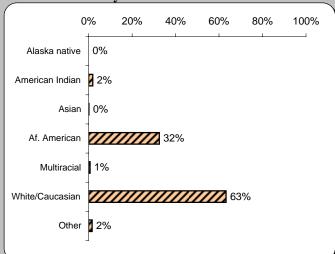
Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Substance Abuse Consumer Characteristics Statewide



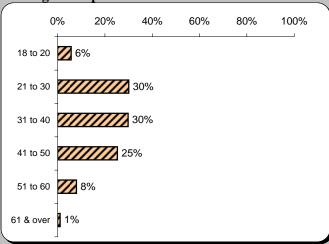
1-2: Hispanic Origin

Of the Statewide consumers, 2% indicate that they are of Hispanic, Latino, or Spanish origin.

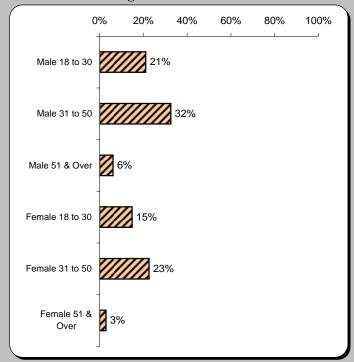
1-3: Race/Ethnicity



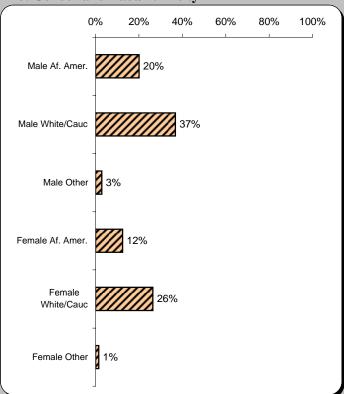
1-4: Age Group



1-5: Gender and Age



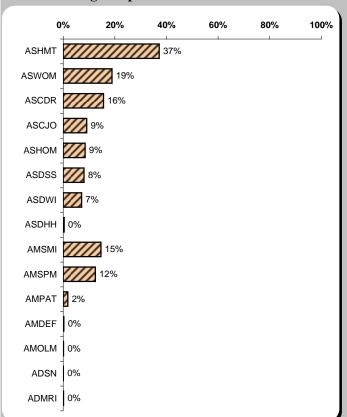
1-6: Gender and Race/Ethnicity



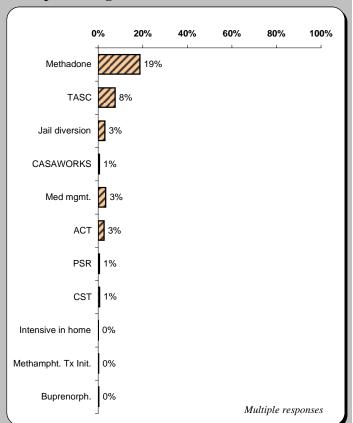


Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Substance Abuse Target and Special Populations and Programs Statewide

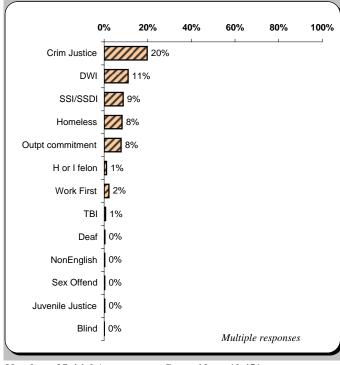
2-1: IPRS Target Populations



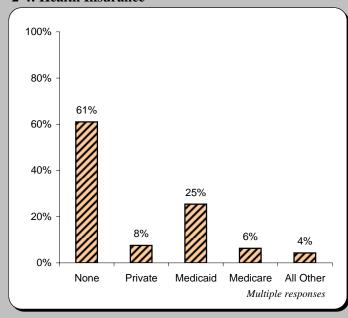
2-3: Special Programs



2-2: Special Populations



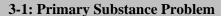
2-4: Health Insurance

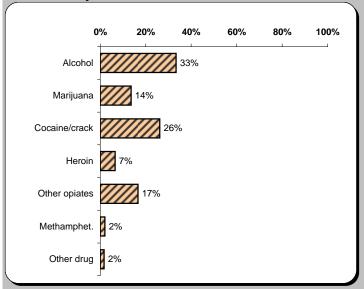


Note: See appendix for definitions of acronyms used on this page.

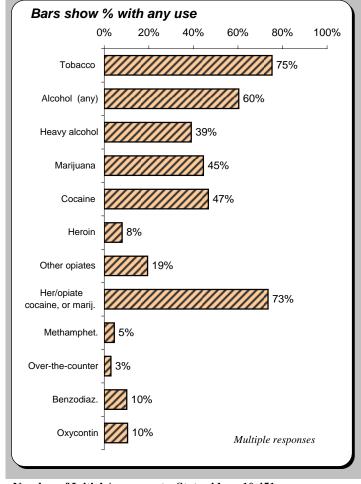


Initial Assessments Received July 1, 2005 through October 30, 2005 Adult Substance Abuse Consumers' Substance Use Statewide

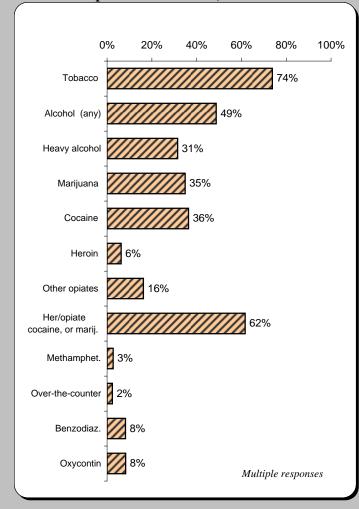




3-2: Self-Report Substance Use, Past 12 Months



3-3: Self-Report Substance Use, Past 3 Months



3-4: Cigarette Smoking

Overall, 73% of Statewide consumers report that they smoked cigarettes in the past month and 43% smoked a pack a day or more.

3-5: Injection Drug Use

19% of Statewide consumers report that they have ever injected drugs for a nonmedical reason.

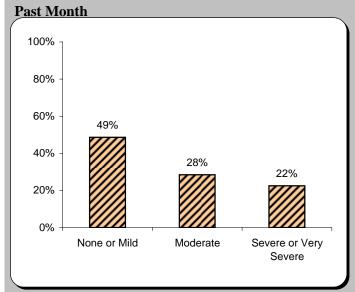
3-6: 90-Day Abstinence from Alcohol and Drugs

Statewide consumers were asked how long they have been abstinent at this time. 21% reported abstinence for at least the past 90 days.



Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Substance Abuse Consumer Symptoms, Behaviors, and Activities Statewide

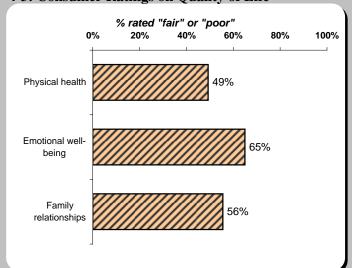
4-1: Severity of Mental Health Symptoms,



4-2: General Assessment of Functioning (GAF)

GAF scores were reported for 99% of Statewide consumers. The average score was 47.7 and the median score was 46.

4-3: Consumer Ratings on Quality of Life



4-4: History of Abuse

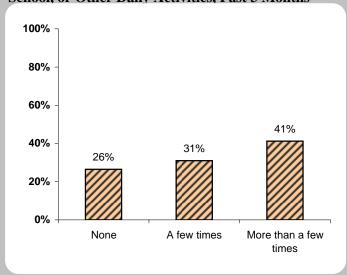
Physically abused, past 3 months	12%
Sexually abused, ever	17%
Sexually abused, past 3 months	2%

4-5: DSM-IV Diagnoses

Diagnostic Category	%
Drug Dependence	67%
Alcohol Dependence	36%
Drug Abuse	18%
Alcohol Abuse	13%
Major Depression	16%
Bipolar disorder	8%
Schizophrenia	6%
Anxiety disorder	6%
Personality disorder	5%
PTSD	4%

Only most common diagnoses shown. Multiple response

4-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



4-7: Lifetime Suicide Attempts

24% of Statewide consumers have attempted suicide at least once during their lifetime.

4-8: Behavior Problems and Symptoms Expressed, Past 3 Months

	%
Suicidal thoughts	25%
Tried to hurt or cause self pain	7%
Risky sexual activity	10%
Hit/physically hurt another person	10%

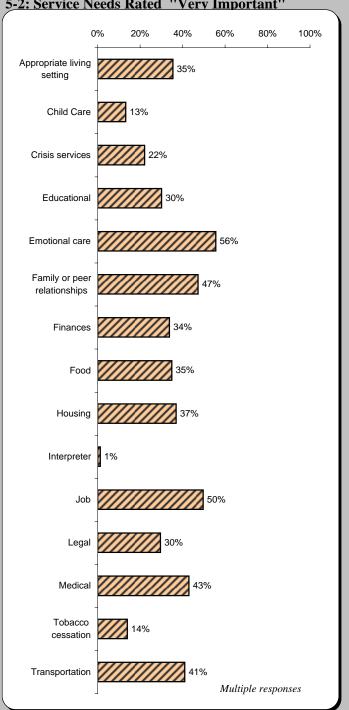


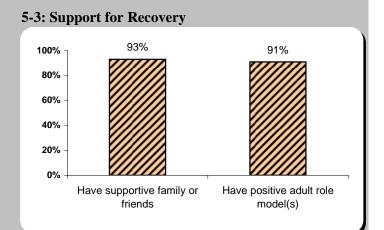
Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Substance Abuse Consumer Service Needs, Supports, and Barriers Statewide

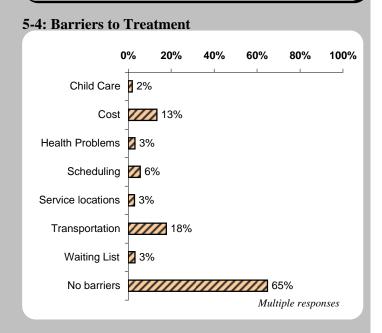
5-1: Public or Private Health Care Provider

Among Statewide consumers, 39% report that they have a health care provider and 34% have seen their provider within the past year.

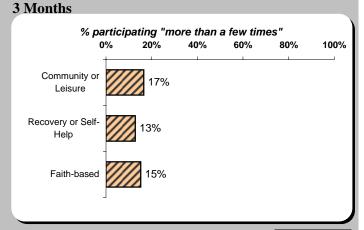
5-2: Service Needs Rated "Very Important"







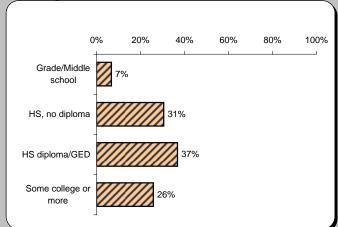
5-5: Consumer Participation in Positive Activities, Past





Initial Assessments Received July 1, 2005 through December 31, 2005 Adult Substance Abuse Consumer's Education, Family, and Housing Issues Statewide

6-1: Highest Educational Achievement



6-2: Marital Status

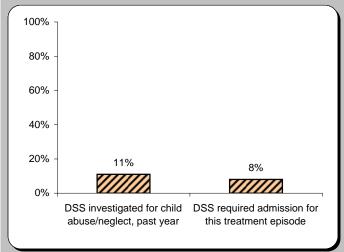
Never married	43%
Married or living as married	23%
Divorced/Widowed/Separated	34%

6-3: Children Under 18

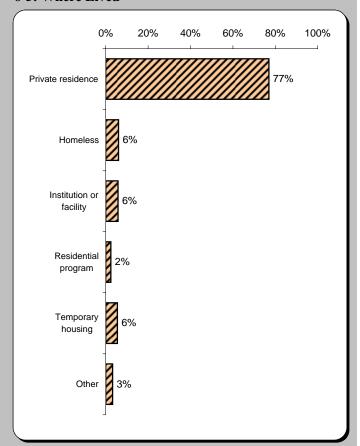
51% of Statewide consumers have children under age 18.

Of those with children	
Have custody of all children	50%
Have custody of some children	9%
Have custody of none of children	41%

6-4: DSS Involvement



6-5: Where Lived



Note: Of Statewide homeless consumers, 333 were in shelters and 287 were not in shelters.

6-6: Times Moved Residences in the Past Year

No moves	47%
Moved once	25%
Moved two or more times	28%

6-7: Pregnancy Status

Number currently pregnant	207
Number uncertain about pregnancy status	80
Number in first trimester	41
Number in second trimester	86
Number in third trimester	76

Note: Numbers may not add, due to missing data.

Number of Initial Assessments: Statewide = 10,451

page 6



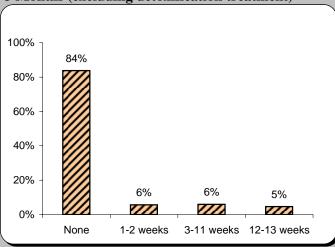
Initial Assessments Received July 1, 2005 through December 31, 2005

Adult Substance Abuse Consumers, Treatment, Employment, and Criminal Justice Issues Statewide

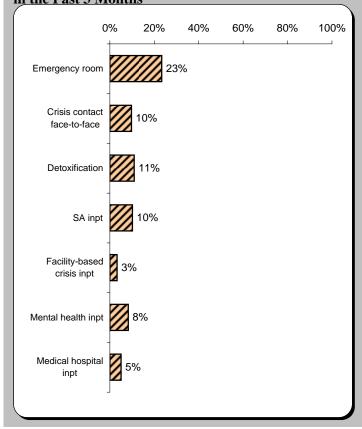
7-1: Outpatient Substance Abuse Treatment

45% of Statewide consumers have had outpatient substance abuse treatment during their lifetime.

7-2: Weeks of Outpatient SA Treatment in Past 3 Months (excluding detoxification treatment)



7-3: Health Care: Types of Services Received in the Past 3 Months



7-4: Employment, Past 3 Months

70% of Statewide consumers are in the labor force meaning that they are working, or unemployed and looking for work.

Of those in the labor force	
Employed full-time	38%
Employed part-time	20%
Unemployed (seeking work)	43%
Of those working	
Supported employment	12%
Transitional employment	7%

7-5: Arrest History

Any Arrests	
Ever	72%
Past 6 months	24%
Misdemeanor Arrests	
Ever	67%
Past 6 months	19%
Felony Arrests	
Ever	33%
Past 6 months	8%

7-6: Justice System Involvement

26% of Statewide consumers were under correctional supervision at admission. The court or criminal justice system required treatment for 20% of all Statewide consumers.

Acronym or Term	Definition
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program).
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult SA injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASDWI	Target population: Adult SA consumer who is receiving DWI offender treatment
ASHMT	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzopdiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
IDU	Injection drug use(r)
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA CCI/CCDI	Substance Abuse or Substance Abuser
SSI/SSDI	Supplemental Security Income or Social Secuity Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Work First	DSS program for temporary assistance to needy families

Note; Refer to web page for more complete definitions of target populations:

http://www.dhhs.tate.nc.us/mhdd/sas